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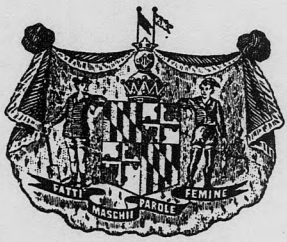
FERTILIZER REGISTRATIONS

June 15, 1923, to January 5, 1924



STATE FERTILIZER DEPARTMENT

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UNIVERSITY OF MARYLAND
COLLEGE PARK, MD.

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FERTILIZER REGISTRATIONS

From June 15, 1923, to January 5, 1924

Compiled and edited under the supervision and direction of Neil E. Gordon, State Chemist, and Leslie E. Bopst, Chemist in Charge of Fertilizer, Feed and Lime Departments.

ADVISORY COMMITTEE

At the instigation of the Executives of the State Fertilizer Law there was a committee appointed in February, 1923, whose function is to act in an advisory capacity to the Executives in the solving of problems arising in the enforcement of this Law. This committee consists of nine men: three representing the agricultural interests, and appointed by E. P. Cohill, President of the Maryland Agricultural Society; three representing the fertilizer trade, and appointed by Gustavus Ober, Jr., President of the National Fertilizer Association; and three from the University of Maryland, appointed by President Woods.

The members of this Committee are:

Agricultural Interests.	*Fertilizer Trade.*	*University of Maryland.*
Mr. F. W. Mish	Mr. H. W. Detrick	Dr. H. J. Patterson
Mr. C. C. Gelder	Mr. A. T. Dukes	Dr. A. G. McCall
Mr. G. I. Gardiner	Mr. E. L. Winder	Dr. E. C. Auchter

The first meeting of this committee was held in Baltimore, April 13, 1923. Among the more important matters decided at this meeting was the publishing, in pamphlet form, semi-annually, all fertilizer registrations, and to allow manufacturers a tolerance of 20 per cent. when stating the sources of the plant foods which go to make up their respective fertilizers.

OBJECT OF THIS PUBLICATION

It is the object of this Publication to give to the purchaser information which will help him in selecting the brand best suited for the particular crop for which it is intended. Two brands of fertilizer may have the same guaranteed analysis but be made from different ingredients, and so give somewhat different agricultural results. Thus, on a trucking crop, where immediate results are required, one would not use a fertilizer intended for wheat where the growing season extends over several months and the plant food becomes available during that time.

HIGH ANALYSIS FERTILIZERS

A high analysis fertilizer is one containing 14 or more units of plant food material. A unit is 1 per cent. of a ton, or 20 pounds of plant food. Sec. 6, of the Fertilizer Law of Maryland, states "That the words 'High Grade' shall not appear upon any bag or package of any complete fertilizer containing, according to its guaranteed analysis, less than 1.65 per cent. of nitrogen (equivalent to 2 per cent. of ammonia) 10 per cent. of available phosphoric acid and 2 per cent. of potash." As an example, a 2-8-2 fertilizer contains a total of 12 units of plant food and is classed as a low analysis fertilizer, while a 3-12-3 contains a total of 18 units and is rated as a high analysis fertilizer.

Two tons of the 3-12-3 fertilizer contain identically the same amount of plant food as three tons of the 2-8-2 mixture. Why pay the cost of mixing, freight charges, and the extra bags necessary to handle three tons of a low analysis fertilizer when two tons of a high analysis brand will meet the requirements equally as well?

MARYLAND STANDARD TWELVE

As a guide to buying organizations, farmers and fertilizer salesmen, the following list of high analysis fertilizers has been selected by the Department of Soils, Maryland Agricultural Experiment Station. It is believed that these twelve analyses will be found sufficient to meet the crop and soil requirements of all sections of the State. In addition to this list, the use of acid phosphate, nitrate of soda, kainit, bone, tankage and other single ingredients is recommended whenever this would seem to be an economic procedure.

MARYLAND STANDARD TWELVE
HIGH ANALYSIS FERTILIZERS

No.	Analysis	Total Units of Plant Food	RECOMMENDED FOR—
1	7— 6—5	18	Early potatoes and truck crops.
2	6— 8—4	18	Tobacco.
3	5— 8—5	18	Tomatoes and other truck crops.
4	4— 8—4	16	Tomatoes and other truck crops. Grain crops on poor soil.
5	3—10—6	19	Late potatoes, tomatoes and sweet potatoes.
6	3— 8—8	19	Sweet potatoes.
7	2—12—4	18	Grain and general crops on light loams and sandy soils.
8	2—12—2	16	Grain on loams and heavy soils of Central Piedmont and Limestone Valley regions of the State.
9	0—12—6	18	Legumes and for grass land that is heavily manured.
10	0—10—4	14	Soybeans, cowpeas and other legumes.
11	4—12—0	16	Grain on the more fertile soils of the Piedmont region.
12	10— 5—0	15	Top dressings and for tobacco plant beds.

SUMMARY

Keep the following in mind when selecting your fertilizers for the coming year:

1. Know your Soil requirements.
2. Know your Crop requirements.
3. Study this Bulletin and select that brand of fertilizer which will fulfill the requirements of both.
4. Avoid Low Grade fertilizers.

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REGISTRATIONS AFTER JUNE 1, 1923, SHOWING FALL GOODS.	Ammonia—(Nitrogen)									Phosphoric Acid—Available					Potash—Soluble			
	Nitrate of Soda	Sulphate	Tankage	Bone	Fish	Garbage Tankage				Rock	Bone				Muriate	Kainit	Manure Salts	
Amer. Agr'l. Chem. Co., Balto., Md.																		
Pulverized Sheep Manure, 2 ½–1 ¼–1																		
Turner and Son Corn & Tomato Guano, 1-8-2		2½	2½			1½				4½	1½					3½	2½	
Rival Fish Compound, 2-8-4		2½	2½			1½				4½	1½					3½	3½	
Dissolved Animal Bone, 2 ½-12																		
Money Saving Phosphate, 12-5										12					2½		3½	
Wheat Special, 2-12-4		2½	2½			1½				4½	1½					2½	3½	
A. A. C. Co. (Bowkers), Balto., Md.																		
Sure Crop Phosphate, 1-8-2		2½	2½			1½				4½	1½					3½	2½	
Square Brand Farm & Garden Phos., 2-8-2		2½	2½			1½				4½	1½					3½	2½	
Corn & Grain Grower, 1-8-4		2½	2½			1½				4½	1½					2½	3½	
A. A. C. Co. (Detrick), Balto., Md.																		
Spec. Ammoniated Compound, 1-8-1		2½	2½			1½				4½	1½					3½	2½	
Tomato Guano, 1-8-4		2½	2½			1½				4½	1½					2½	3½	
A. A. C. Co. (Farmers), Balto., Md.																		
B. & P. Phosphate, 10-2										10					2½		3½	
A. A. C. Co. (Lazaretto), Balto., Md.																		
Spec. Tobacco & Potato Fert., 3-8-4		2½	2½			1½				4½	1½					2½	3½	
A. A. C. Co., (Listers), Balto., Md.																		
Squirrel Brand Fertilizer, 1-8-2		2½	2½			1½				4½	1½					3½	2½	
Spec. Tobacco Fertilizer, 2-8-3		2½	2½			1½				4½	1½					2½	3½	
Fertilizer, 3-6-6		2½	2½			1½				4½	1½				3½		2½	
Potash Mixture, 8-5										8					2½		3½	
Spec. Wheat Fertilizer, 2-8-3		2½	2½			1½				4½	1½					2½	3½	
A. A. C. Co. (Patapsco Guano Co.), Balto., Md.																		
Grain & Grass Producer, 1-8-4		2½	2½			1½				4½	1½					2½	3½	
Garden & Truck Fertilizer, 4-8-4		2½	2½			1½				4½	1½					2½	3½	

REGISTRATIONS AFTER JUNE 1, 1923. SHOWING FALL GOODS.	Ammonia—(Nitrogen)									Phosphoric Acid—Available					Potash—Soluble			
	Nitrate of Soda	Sulphate	Tankage	Garbage Tankage						Rock	Bone				Muriate	Kainit	Manure Salts	
A. A. C. Co. (Susquehanna), Balto., Md.																		
H. G. Superphosphate, 16										16								
A. A. C. Co. (Tygert), Balto., Md.																		
Acid Phosphate, 16										16								
Prolific Fertilizer, 1-8-1		2/5	2/5	1/5						4/5	1/5					3/5	2/5	
A. A. C. Co. (Wheeler), Balto., Md.																		
High Grade Truck Fert., 7-6-5	1/5	2/5	2/5	1/5						4/5	1/5				4/5		1/5	
A. A. C. Co. (Wooldridge), Balto., Md.																		
Wheat Special, 2-12-4		2/5	2/5	1/5						4/5	1/5					2/5	3/5	
A. A. C. Co. (Zell), Balto., Md.																		
Spec. Compound for Tobacco, 2-8-2		2/5	2/5	1/5						4/5	1/5					2/5	3/5	
Ammoniated Superphosphate, 2-8-2		2/5	2/5	1/5						4/5	1/5					2/5	3/5	

REGISTRATIONS AFTER JUNE 1, 1923, SHOWING FALL GOODS.	Ammonia—(Nitrogen)									Phosphoric Acid—Available					Potash—Soluble			
	Nitrate of Soda	Sulphate	Tankage		Garbage Tankage	Bone	Fish	Cyanamid		Rock	Bone	Tankage	Fish		Muriate	Kainit	Manure Salts	
Armour Fertilizer Works, Balto., Md.																		
Wheat & Grass Grower, 1-8-1		1/2	1/2							8						1		
Big Crop Sulphate of Potash, 50%																		
Big Crop Acid Phosphate, 20										20								
Fish & Potash Mixture, 2-8-3	1/5–2/5	1/5–2/5	1/5–2/5				1/5–2/5			1/5–2/5		1/5–2/5	1/5–2/5			1/5–2/5	3/5–4/5	
Associated Chemical Co., Hagerstown, Md.																		
Kainit, 12																		
Animal Tankage, 6-13. 73 T. P. A.																		
Baltimore Fertilizer Co., Balto., Md.																		
Honest, 10-5										10						2	3	
Honest, 10-2										10						1	1	
Honest, 2-8-10	1		1/2				1/4	1/4		8					3		7	
Baltimore Pulverizing Co., Balto., Md.																		
Rock, Bone & Potash Mix., 1-8-3		2/5–3/5	1/5–2/5			2/5–3/5				8							3	
Kainit, 12.40																		
7% Truck Guano, 7-6-5	2/5–3/5	1/5–2/5	1/5–2/5				1/5–2/5			6					5			
Spec. Potato Mixture, 3-8-4	1/5–2/5	1/5–2/5	1/5–2/5				1/5–2/5			8					2/5–3/5		2/5–3/5	
Ideal, 2-8-5	1/5–2/5	1/5–2/5	1/5–2/5				1/5–2/5			8					2/5–3/5		2/5–3/5	
Ammoniated Fish Guano, 3-8	1/5–2/5	1/5–2/5	1/5–2/5				1/5–2/5			8								
Harvest King, 1-10-2	1/5–2/5	1/5–2/5	1/5–2/5				1/5–2/5			10						2/5–3/5	2/5–3/5	
Spring & Fall Mixture, 8-2										8						2		

REGISTRATIONS AFTER JUNE 1, 1923. SHOWING FALL GOODS.	Ammonia—(Nitrogen)									Phosphoric Acid—Available					Potash—Soluble			
	Sulphate	Tankage	Bone	Cyanamid						Rock	Bone	Tankage			Muriate	Kainit	Manure Salts	Tobacco Stems
Baugh & Sons Co., Balto., Md.																		
Wheat Fertilizer, 2-8-2	1/5–2/5	3/5–4/5	1/5–2/5							3/5–4/5	1/5–2/5	1/5–2/5			3/5–4/5	1/5–2/5		
Beckley Fertilizer Co., Halfway, Md.																		
Dissolved Phosphate, 16										16								
12-5										12							5	
Crop Grower, 1-9-3		1/2		1/2						9							3	
Bone Mixture 1½-14	1/3	1/3		1/3						14								
Bryant Fertilizer Co., Balto., Md.																		
Highest Grade Potash Mixture, 12-5										12					1/3–1/2		1/3–1/2	1/5–2/5

REGISTRATIONS AFTER JUNE 1, 1923. SHOWING FALL GOODS.	Ammonia—(Nitrogen)									Phosphoric Acid—Available					Potash—Soluble			
	Nitrate of Soda	Sulphate	Tankage	Fish	Cyanamid	Cotton Seed Meal	Bone			Rock	Bone	Fish			Sulphate	Muriate	Kainit	Manure Salts
Herbert Bryant's Son, Alexandria, Va.																		
Empress Amm'd Dissolved Bone, 1-8-1			½		½					8								1
Genuine Fish, Bone & Potash, 2-9-2				1 ¼	¾					9								2
Beef, Bone & Potash, 1 ¼-9-2			¾		½					9								2
Belle Haven Ammoniated, 2-8-5				1 ½	½					8						2		3
Golden Grain Grower, 2-12-2				1 ½	½					12								2
H. G. Truck & Potato, 3-8-5	1 ½			1	½					8						2		3
Soluble Phos. & Potash, 12-5										12						2		3
Bone & Potash, 10-4										10						2		2
Alkaline Bone, 10-2										10								2
H. G. Acid Phosphate, 16										16								
Economy Compound, 12										12								
Central Chemical Co., Hagerstown, Md.																		
Gro-All Potash Special, 12-5										12								5
Gro-All Special Formula, 1 ½-12-5		⅓	⅓		⅓					12								5
Gro-All Grain & Grass Grower, 2-12-2		½	¼		¼					12								2
Gro-All Field Tobacco Spec., 5-8-5		⅔	1/6			1/6				8					5			
Devilbiss Bros., New Windsor, Md.																		
Wheat Grower Phosphate, 1-8-2			1							8							2	
Dorchester Fert. & Lime Co., Cambridge, Md.																		
5-6-7																		
4-7-1																		
Pea Special, 2-8-4		½	1		½					8								4
7-6-5																		
3-8-10																		
Tomato Special, 2-8-4		½	1		½					8								4
W. R. Dorsey, Ellicott City, Md.																		
Mixture "D," 2-9-2				¾			1 ¼			4 ½	4	½					2	

REGISTRATIONS AFTER JUNE 1, 1923.
SHOWING FALL GOODS.

	Ammonia—(Nitrogen)									Phosphoric Acid—Available					Potash—Soluble			
	Nitrate of Soda	Sulphate	Fish	Tankage	Cyanamid	Base Goods	Blood			Rock	Bone	Fish			Muriate	Kainit	Manure Salts	
Dumont Fertilizer Works, Balto., Md.																		
Twelve Five										12					5			
One Eight Four	½			½						7	1				4			
Pure Ground Bone, 3-22, 90T, P. A.																		
Four Eight Five	2			2						7	1				5			
Twelve Three										12					3			
Farmers Fert. & Feed Co., Westminster, Md.																		
High Grade, 2-11-3	1			1						11					1	2		
No. 2, 2-9-3	1			1						9					1	2		
No. 3, 1½-8-3	¾			¾						8					1	2		
XX, 1-9-3	½			½						9					1	2		
XXX, 1-9-4	½			½						9					1½	2½		
Potato Fertilizer, 2-8-5	1			1						8					2½	2½		
Acid Phosphate, 16										16								
Farmers & Planters Co., Salisbury, Md.																		
Acid Phosphate, 16										16								
Griffith & Boyd Co., Balto., Md.																		
H. G. Fish & Potash Mixture, 2-12-8	⅛		⅛	⅛						9/10		1/10			8			
Special Peerless Guano, ½-8-1				½						9/10	1/10					1		
Fish & Blood Mixture, 1.75-7	⅛		⅛	1/16			1/16			9/10		1/10						
J. Geo. Harr, Balto., Md.																		
Fish & Potash Mixture, 2-8-2	½		¼	¾	½					8							2	
Horsey Roe & Co., Greensboro, Md.																		
Kainit, 14																		
Hubbard Fertilizer Co., Balto., Md.																		
1-10-4 Fertilizer	1/16	2/16	1/16	1/16						10					4			
2-10-2 Fertilizer	1/16	2/16	1/16	1/16						10					2			
2-10-4 Fertilizer	1/16	2/16	1/16	1/16						10					4			

REGISTRATIONS AFTER JUNE 1, 1923, SHOWING FALL GOODS.	Ammonia—(Nitrogen)									Phosphoric Acid—Available					Potash—Soluble			
	Nitrate of Soda	Sulphate	Fish	Tankage	Cyanamid					Rock	Tankage				Muriate	Kainit	Manure Salts	
J. & J. Guano Co., Roanoke, Va.																		
Plant Invigorator, 10										10								
Standard Guano, 8-2 ½										8					2 ½			
Planter's Delight, 1.21-8-3	1.21									8					3			
Lancaster Bone Fert. Co., Inc., Lancaster, Pa.																		
Royal Fish Compound, 2-8-4		¼	¼	¼	¼					8							4	
Standard Potash Mixture, 12-5										12							5	
H. G. Acid Phosphate, 16										16								
Wheat Special, 1-10-4		½		¼	¼					10							4	
Lancaster Chemical Co., Lancaster, Pa.																		
Wheat Special Brand, 2-8-2																		
General Crop Special, 2-12-2																		
Wheat & Grass, 1-8-2																		
Special Potash Manure, 10-5																		
Miller Fertilizer Co., Balto., Md.																		
Lime & Phosphate, 13										13								
Horst's H. G. Acid Phos., 16										16								
Horst's Phos. & Potash Mixture, 12-5										12					2		3	
Horst's Farmers Pride, 1-8-4				½	½					8							4	
Horst's Spec. Grain & Grass Producer, 2-8-5		½		1	½					8					2		3	
Horst's Wheat Grower, 2-12-2		½		1	½					12						2		
Horst's Lime & Phosphate, Mix. 13										13								
J. B. Nichols & Son, Balto., Md.																		
Farmers Friend, 4-7-4	1 ¾–2		2¼ 2½							7					4			
Nitrate Agencies Co., Balto., Md.																		
Naco Formula "C," 2.54-12.73-2.54	.57	1.17		.80						12.42	.31				2.54			
Naco Lime Phosphate, 13										13								
Norton & Co., Washington, D. C.																		
Fine Ground Animal Bone, 3-22 T.P.A.																		

REGISTRATIONS AFTER JUNE 1, 1923. SHOWING FALL GOODS.	Ammonia—(Nitrogen)									Phosphoric Acid—Available					Potash—Soluble			
	Nitrate of Soda	Sulphate	Tankage	Fish	Bone	Garbage Tankage	Blood			Rock	Fish	Tankage			Muriate	Kainit	Manure Salts	
G. Ober & Sons Co., Balto., Md.																		
Lloyd's Mixture, 1½–10					1½					10								
Pacific Manure & Fert. Co., San Francisco, Cal.																		
Groz-It Brand Pulverized Sheep Manure, 1.84–.75–3																		
Patuxent Gunao Co., Balto., Md.																		
Golden Harvest, 1-9-2	1/5	2/5	1/5	1/5						9					2			
Peerless Fertilizer Co., Chestertown, Md.																		
Kainit, 12																		
Manure Salts, 20																		
Acid Phosphate, 16																		
Imperial, 1-8-4				½	½					16								
12-5										2/3	1/3				2/3	1/3		
12-3										12					1/3		2/3	
10-5										12					1/3	2/3		
10-2										10					1/3	2/3		
										10						2		
Piedmont-Mt. Airy Guano Co., Balto., Md.																		
Early Trucker, 5-6-5	1	2				2				5/6		1/6			3		2	
Fish Mixture, 2-8-2		1		½		½				5/6		1/6					2	
Gold Rod, 7-6-5	1	4				2				5/6		1/6			3		2	
Plant Bed, 10-5-2		6				2½	1½			5/6		1/6			2			
Utility Fertilizer, 2-10	½	½				1				5/6		1/6						
H. G. Amm'd. Phos. & Potash, 3-8-3	½	1				1½				5/6		1/6			1½		1½	
Unexcelled Guano, 4-8-4	1	1½				1½				5/6		1/6			2		2	
Cultivator, 2-8-2		1				1				5/6		1/6					2	
Raw Bone Meal, 4½-22.90 T. P. A.																		
Sulphate of Potash, 48																		
Excelsior, 1-8-1	½		½							5/6		1/6				1		
Wheat Compound, 12-5										12					½		½	
Phosphate & Lime, 13										13								
Sulphate of Ammonia, 25																		

REGISTRATIONS AFTER JUNE 1, 1923, SHOWING FALL GOODS.	Ammonia—(Nitrogen)									Phosphoric Acid—Available					Potash—Soluble			
	Bone	Nitrate of Soda	Sulphate	Tankage	Cyanamid	Fish	Sheep Manure	Base Goods	Blood	Rock	Tankage	Base Goods			Muriate	Kainit	Manure Salts	
Wm. H. Streett & Co., Fallston, Md.																		
High Grade Phosphate, 2-10-4			½	1	½					10							4	
Summers Fert. Co., Inc., Balto., Md.																		
Spec. Fall Lawn Fertilizer, 5-10-2	1/6–2/5	1/6–2/5	1/6–2/5	1/6–2/5		1/10–2/10	1/10–2/10			8	2						2	
Phosphate of Potash Mix., 12-5										12							5	
Superior Guano Co., Balto., Md.																		
Kainit, 12																		
Special Corn & Grass, 7-3										7							3	
Big Crop Grower, 2-8-2		¼		¾						8							2	
Corn & Tomato, ½-8-1								½		¾		¼				1		
Ammoniated Dissolved Bone, 1¼-10																		
Swift & Co., Balto., Md.																		
Five-Six-Naught		.25	.40	.18					.18	6								
Red Steer, 14-5										14					5			
Red Steer, 1-10-5			.60	.20					.20	10					5			
Garden City Phosphate, 14										14								
Red Steer, 1-9-4			.60	.20					.20	9					4			
Red Steer, 10-5										10					5			
Red Steer Phosphate & Potash, 12-6										12					6			
Red Steer, 3-10-6			.60	.20					.20	10					6			
Farmer's Home, 10-4										10					4			
Florist Special Tankage, 6-12		.25	.40	.18					.18	12								
Red Steer, 2-16-2			.60	.20					.20	16							2	
One-Eight-Five			.60	.20					.20	8					5			

REGISTRATIONS AFTER JUNE 1, 1923.
SHOWING FALL GOODS.

	Ammonia—(Nitrogen)									Phosphoric Acid—Available					Potash—Soluble			
	Nitrate of Soda	Sulphate	Tankage	Fish	Cyanamid	Base Goods				Rock	Bone	Tankage			Muriate	Kainit	Manure Salts	
Thomas & Co., Frederick, Md.																		
Blood & Bone, 2-8-2		1/2	1/4		1/4													
Harvest Queen, 1 1/4-10-2		1/2	1/4		1/4					1 4/15		1/15					2	
Plant Food, 1-9-3		1/2	1/4		1/4					1 4/15		1/15					2	
Crop Grower, 1-8-1			1/2		1/2					1 4/15		1/15					3	
Alkaline Bone, 12-5										12							1	
Acid Phosphate, 16										16							5	
I. P. Thomas & Son Co., Phila., Pa.																		
Spec. Potato Fert., 2-8-10	1/2	3/4	.375	.375						8					10			
Victor Potash Fert., 2-8-5	1/2	3/4	.375	.375						8					5			
Ammoniated Fish Base, 2-8-2	1/2	3/4	.375	.375						8					2			
Fish Mixture, 1-8-5	1/4		.375	.375						16					5			
Acid Phosphate, 16																		
Wm. B. Tilghman Co., Salisbury, Md.																		
Bone Tankage Mixture, 2-9-3		.30	.30	.40						9							3	
Phosphate & Potash, 12-6										12					.70		.30	
United States Guano Co., Balto., Md.																		
Martin Halls Spec. East. Shore Mix., 6-8-8.	1/4	1/4	1/4	1/4						7	1				8			
Jumbo Potato Grower, 7-6-5	1/4	1/4	1/4	1/4						5	1				5			
Accomac Peninsula King, 5-8-5	1/4	1/4	1/4	1/4						7	1				5			
Golden Rule Sweet Potato Grower, 3-8-5	1/4	1/4	1/4	1/4						7	1				5			
16% Acid Phosphate, 16										16								

REGISTRATIONS AFTER JUNE 1, 1923, SHOWING FALL GOODS.	Ammonia—(Nitrogen)									Phosphoric Acid—Available					Potash—Soluble			
	Sulphate	Tankage	Fish	Bone						Rock	Bone	Tankage			Muriate	Kainit	Manure Salts	Tobacco Stems
Valiant Fertilizer Co., Georgetown, Del.																		
Arcadia, 5-7-5	1/3	1/3	1/3							7					1/3	1/3	1/3	
Big 3, 1-9-3	1/3	1/3	1/3							9					1/3	1/3	1/3	
Jewel, 7-6-5	1/3	1/3	1/3							6					1/3	1/3	1/3	
Keystone, 2-9-5	1/3	1/3	1/3							9					1/3	1/3	1/3	
Quality, 3-8-5	1/3	1/3	1/3							8					1/3	1/3	1/3	
Famous, 1-10-4	1/3	1/3	1/3							10					1/3	1/3	1/3	
No. 1, 1-11-2	1/3	1/3	1/3							11					1/3	1/3	1/3	
E. S. Valiant & Son, Centreville, Md.																		
12-5										12						2/5	3/5	
12-6										12							6	
McKenny's Mixture No. 1, 2-9-5		2								9						2/5	3/5	
Virginia-Carolina Co., Balto., Md.																		
Roan Steer Guano, 2-12-2	1/5–2/5	3/5–4/5								12					1/3–1/2		1/3–1/2	1/5–1/4
J. Cleveland White, Salisbury, Md.																		
Tomato Fertilizer, 2-10-5	1/5–2/5	3/5–4/5		1/5–2/5						3/5–4/5	1/5–2/5	1/5–2/5			3/5–4/5	1/5–2/5		

REGISTRATIONS AFTER JUNE 1, 1923, SHOWING FALL GOODS.

	Ammonia—(Nitrogen)									Phosphoric Acid—Available					Potash—Soluble			
	Nitrate of Soda	Sulphate	Tankage	Fish	Bone	Humus Tankage	Base Goods			Rock					Muriate	Kainit	Manure Salts	
A. S. Wooley Co., Inc., Seaford, Del.																		
Grain Fertilizer, 1-9-2			1							9							2	
Wheat Mixture 2-8-2		1	½		½					8							2	
Worcester Fertilizer Co., Inc., Snow Hill, Md.																		
Sweet Potato Special, 3-8-5	1/5–2/5	1/5–2/5	1/5–2/5	1/5–2/5														
Tomato Compound, 2-8-5	1/5–2/5	1/5–2/5	1/5–2/5	1/5–2/5						8					1/5–2/5		2/5–3/5	
Peerless, ½-8-2						4/5	1/5			8					1/5–2/5		2/5–3/5	
Acid Phosphate, 16										8						2		
Special Potash Mixture, 1-8-4	1/5–1/4		1/5–1/4	1/5–1/4		1/5				16								
12-5										8						4		
										12							5	

REGISTRATIONS OF 1924 FERTILIZERS Or Spring Goods	Ammonia—(Nitrogen)									Phosphoric Acid—Available					Potash—Soluble			
	Nitrate of Soda		Tankage	Garbage Tankage						Rock	Tankage				Kainit	Manure Salts		
Barrett Co., New York, N. Y.																		
Arcadian Sulphate of Ammonia, 25¼																		
Braun Fertilizer Co., Balto., Md.																		
General Crop Grower, 4-8-4	1½		2½							5	3					4		
Truck Grower, 3-8-3	.60		2.40							5	3					5		
Potato Grower, 2-8-5			2							5	3					5		
Braun's Special, 2-10-2			2							6	4					2		
Ford Motor Co., Detroit, Mich.																		
Ammonium Sulphate, 25.30																		

REGISTRATIONS OF 1924 FERTILIZERS Or Spring Goods	Ammonia—(Nitrogen)									Phosphoric Acid—Available				Potash—Soluble				
	Sulphate	Nitrate of Soda	Tankage	Fish Tankage	Fish	Garbage Tankage	Peruvian Guano	Nitrapo		Rock	Tankage	Fish	Peruvian Guano	Muriate	Kainit	Manure Salts	Nitrapo	Peruvian Guano
Horsey Roe & Co., Greensboro, Md.																		
3-8-3		1½	¾		¾					8				1	2			
2-8-5		1	½		½					8				2	3			
Crop Grower, 1-8-4			½		½					8					4			
0-12-5										12				2	3			
Corn Grower, 0-8-7										8					7			
Acid Phosphate 16%										16								
Kainit																		
Medford Fertilizer Works, Medford, Md.																		
No. 2, 1-8-1			½			½				8					1			
Nitrate Agencies Co., Balto., Md.																		
Naco Brand, 1.42-11.40-5.70		.71	.71							11¼	.15			3.93		1.77		
Naco Brand, 2.84-11.40-2.84	.71	.71	.71		.71					10.89	.33	.18		2.14		.70		
Naco Brand, 2.22-13.30-2.22	.67	.55					1			12.47			.83	.97		1.11		.14
Naco Brand, 8.20-7.10-5.90	3.30	1.07	1.17		.58		2.10			4.91	.29	.14	1.76	5.90				
Naco Brand, 12.50-6.25	4.70	5			.60		2.20			4.23		.15	.87					
Naco Brand, 5-10-5	1.40	1¼	½				1.85			8.30	.14	1.56		3¾		1¼		
Naco Brand, 5.87-9.40-5.87	1.54	1.96	.49				2.10			7.53	.21		1.66	4.56		.88		.43
Naco Brand, 5.55-8.90-8.90	1.45	1.66	.44				2			7.10	.14		1.66	8.33		.33		.24
Naco Brand, 0-13.30-5.50										13.30				3.70		1.80		
Naco Brand, 2-8-2	½		½		½					7¾	.23	.12		1½		½		
Naco Brand, 7-6-5	2.80	.90	1		½		1.80			4.60			1.40	5				
Naco Brand, 4-8-4	1.10	1	.40				1½			6.60	.15		1¼	3		1		
Naco Brand, 5-8-5	1.30	1½	.40				1.80			6.40	.10		1½	3.87		¾		.38
Naco Brand, 0-12-5										12				3.35		1.65		
Naco Brand, 1-8-4		½	½							7.90	.10			2¾		1¼		
Acid Phosphate, 16										16								
Nitrate of Soda, 18¼																		
Nitrapo, 18-10								18									10	
Animal Tankage, 7-8 TPA																		
Sulphate of Ammonia, 25																		
Peruvian Guano, 12-10-2½																		
Muriate of Potash, 48																		
Kainit, 12.40																		

REGISTRATIONS OF 1924 FERTILIZERS Or Spring Goods	Ammonia—(Nitrogen)									Phosphoric Acid—Available					Potash—Soluble			
	Sulphate of Ammonia	Nitrate of Soda	Tankage	Fish						Rock	Fish	Tankage			Muriate	Manure Salts		
Reindollar Co., Taneytown, Md.																		
Ammoniated Phosphate, 1-12-5		½	½							12					5			
Rock & Potash, 12-6										12					6			
Acid Phosphate, 16																		
F. S. Royster Guano Co., Balto., Md.																		
Royster's 16% Acid Phosphate, 16										16								
Royster's Phosphate & Potash, 0-10-4										10					1	3		
Royster's Phosphate & Potash, 0-12-5										12					2	3		
Royster's Cuckoo Guano, 1-8-1	½–⅔		1/6–¼	1/6–¼						.95	.025	.025				1		
Royster's Rational Guano, 1-8-4	½–⅔		1/6–¼	1/6–¼						.95	.025	.025			1	3		
Royster's Seeding Down Guano, 1-9-3	½–⅔		1/6–¼	1/6–¼						.95	.025	.025				3		
Royster's Dreadnaught Guano, 2-8-2	½–⅔		1/6–¼	1/6–¼						.95	.025	.025				2		
Royster's Fish, Flesh & Fowl, 2-8-3	½–⅔		1/6–¼	1/6–¼						.95	.025	.025				3		
Royster's Bully Guano, 2-8-5	½–⅔		1/6–¼	1/6–¼						.95	.025	.025			2	3		
Royster's Banner Guano, 2-8-10	½–⅔		1/6–¼	1/6–¼						.95	.025	.025			10			
Royster's Triumph Guano, 3-8-3	½–⅔		1/6–¼	1/6–¼						.95	.025	.025				3		
Royster's Sensation Guano, 3-8-5	½–⅔		1/6–¼	1/6–¼						.95	.025	.025			2	3		
Royster's Truckers' Delight, 4-8-4	½–⅔		1/6–¼	1/6–¼						.95	.025	.025			4			
Royster's Ripper Potato Guano, 5-7-5	4/10–6/10	1/10–2/10	1/10–2/10	1/10–2/10						.95	.025	.025			5			
Royster's Arrow 7% Potato Guano, 7-6-5	4/10–6/10	1/10–2/10	1/10–2/10	1/10–2/10						.95	.025	.025			5			
Genuine German Kainit, 0-0-12.40																		
Nitrate of Soda 18.24-0-0																		
Muriate of Potash, 0-0-48																		
Standard Agricultural Chemical Corp., New York, N. Y.																		
Prepared Alphano Humus, 1½-½-½																		

REGISTRATIONS OF 1924 FERTILIZERS Or Spring Goods	Ammonia—(Nitrogen)									Phosphoric Acid—Available					Potash—Soluble				
	Sulphate	Nitrate of Soda	Tankage	Fish						Rock					Muriate				
Summers Fertilizer Co., Inc., Balto., Md.																			
1-14-5	½	⅜	⅛							14					5				
7-6-5	3	2	1	1						6					5				
3-12-3	1	1	½	½						12					3				
2-8-5	1	¾	¼							8					5				
3-8-3	1	1	½	½						8					3				
2-12-2	1	¾	¼							12					2				
4-8-4	1½	1½	½	½						8					4				
Acid Phosphate, 16										16									
Nitrate of Soda, 18¼																			
Fish, 10-4.58TPA.																			
Muriate of Potash, 48																			
Raw Bone, 4½-20.61TPA.																			

REGISTRATIONS OF 1924 FERTILIZERS Or Spring Goods	Ammonia—(Nitrogen)									Phosphoric Acid—Available					Potash—Soluble			
	Nitrate of Soda	Sulphate	Tankage	Blood	Cotton Seed Meal	Fish				Rock	Tankage				Muriate	Sulphate	Manure Salts	
White Rose Plant Food Co., York, Pa.																		
White Rose Plant Food, 5-8-3	.9	.5		1.80	2					8						3		
Francis M. Wilson & Co., Pocomoke City, Md.																		
Favorite, 5-8-5	½					4 ½				8					5			
Peninsula Phosphate, 2-12-1 ¼						2				12					1 ¼			
York Chemical Works, York, Pa.																		
Standard, 2-8-5	⅔		⅓							4/5	⅕						5	
Grain Special, 2-12-2	⅔		⅓							4/5	⅕						2	
Standard Potash, 1-8-4	⅔		⅓							4/5	⅕						4	
One-Eight-Two	⅔		⅓							4/5	⅕						2	
Twelve & Four										12							4	
Acid Phosphate, 16										16								